New Power Projects

404. SHRI MOHD. ALI KHAN: Will the Minister of POWER be pleased to state:

(a) the new power projects coming up in each State especially in Andhra Pradesh;

(b) the details of such new projects under the current Five Year Plan;

(c) the estimated project cost of such new projects, State-wise; and

(d) the capacity of power projects to meet the future demands of each State?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI) : (a) to (d) State-wise details of new generation projects under construction in the country, including those in Andhra Pradesh, indicating *inter alia*, estimated cost, capacity, commissioning schedule etc. in respect of each project are given in the Statement-I (See below) for Thermal and Nuclear Projects for Hydro Projects, are given in the Statement-II.

Statement-I

Details of Thermal Power Project under construction yeilding benefit during 11th Plan

State	Project Name	Sec.	Impl Agency	Unit No	Cap. (MW)	Latest Comm. Schedule	Latest Proj. Cost (Rs. Crore)	Remarks
1	2	3	4	5	6	7	8	9
Thermal POWER Units under construction								
AP								
	Simhadri STPP St-II	C	NTPC	U-3	500	11/2010	5039	
		C		U-4	500	05/2011		
	Kakatiya TPP	S	APGENCO	U-I	500	05/2010	2059	
	Kothagudem TPP Extn.	S	APGENCO	U-I	500	03/2011	2203	
	Rayalaseema St-III TPS	S	APGENCO	U-5	210	10/2010	998	
	Konaseema CCPP	P	KGPL	GT-1	140	Comm	2035	
		P		GT-2	140	Comm		
		P		ST	165	10/2009		
	Lanco Kondapalli CCPP	P	LKPPL	GT-1	233	10/2009	1188	
		P		ST	133	01/2010		
			Sub-total				13522	

1	2	3	4	5	6	7	8	9
Assam								
	Lakwa Waste Heat Unit	S	APGCL	ST	37.2	05/2010	236	
	Namrup CCGT	S	APGCL	GT	70	11/2011	694	
				ST	30	01/2012		
			Sub-total				930	
Chhattisgarh								
	Korba STPP St.-III	C	NTPC	U-7	500	10/2010	2448	
	Sipat-I STPP	C	NTPC	U- 1	660	07/2010	8323	
		C		U-2	660	01/2011		
		C		U-3	660	07/2011		
	Lanco Amarkantak	P	LAPPL	U1	300	Comm	2632	
				U-2	300	12/2009		
			Sub-total		3080		13404	
Delhi								
	Pragati CCGT -III	S	PPCL	Block-I	750	03/2010	5196	
		S		Block-II	750	05/2010		
	Rithala CCPP	P	NDPL	2GT-ST	108	03/2010	256	
			Sub-total		1608		5452	
Gujarat								
	Hazira CCPP Extn.	S	GSECL	GT+ST	350	07/2010	1152	
	Pipavav CCPP	S	GSPC	Block-1	351	11/2010	2498	
		S		Block-2	351	02/2011		
	Surat Lignite TPP Extn.	S	GIPCL	U-3	125	12/2009	1181	
		S		U-4	125	03/2010		
	Ukai TPP Extn.	S	GSECL	U-6	490	05/2011	2218	
	Mundra	P	Adani Power Ltd.	U-I	330	Comm	2280	
	TPP Ph-I	P		U-2	330	12/2009		

1	2	3	4	5	6	7	8	9
	Mundra TPP Ph-I	P	Adani Power Ltd.	U-3	330	03/2010	2070	
		P		U-4	330	04/2010		
	Mundra TPP Ph-II	P	Adani Power Ltd.	U-I	660	03/2011	5796	
		P		U-2	660	08/2011		
	Mundra TPP Ph-III	P	Adani Power Ltd.	U-I	660	05/2011	8960	
		P		U-2	660	08/2011		
		P		U-3	660	10/2011		
	Mundra Ultra Mega Power Plant	P	Coastal Gujarat Power Ltd. (Tata Power Co. Ltd.)	U- I	800	9/2011	(COD	
		P		U-2	800	3/2012	(COD)	
			Sub-total		8012		26155	
Haryana								
	Indira Gandhi TPP	C	APCPL	U-I	500	10/2010	7892	
	(NTPC-Haryana-Delhi JV)	C		U-2	500	01/2011		
		C		U-3	500	05/2011		
	Rajiv Gandhi TPS, Hissar	S	HPGCL	U-I	600	12/2009	4337	
		S		U-2	600	02/2010		
			Sub-total		2700		12230	
Jharkhand								
	Chandrapura TPS Extn.	C	DVC	U-7	250	Comm	2066	
		C		U-8	250	03/2010		
	Koderma TPP	C	DVC	U-I	500	11/2010	4313	
		C		U-2	500	02/2011		
	Maithon RBC TPP	C	DVC-Tata Power JV	U-I	525	10/2010	4455	
		C		U-2	525	04/2011		
			Sub-total	2550		10834		
Karnataka								
	Bellary TPP St-II	S	KPCL	U-2 500	10/2011	2261		
	Raichur U-8 TPS	S	KPCL	U-8	250	04/2010	1046	

1	2	3	4	5	6	7	8	9
	Udupi TPP	P	Udupi PCL	U-I	507.5	04/2010	4299	
		P		U-2	507.5	06/2010		
			Sub-total		1765		7606	
Maharashtra								
	Mauda TPP	C	NTPC	U-I	500	03/2012	5459	(Inc. Unit-2 cost)
	Bhusawal TPS Expn.	S	MSPGCL	U-4	500	03/2011	4124	
		S		U-5	500	05/2011		
	Khaperkheda TPS Expn.	S	MSPGCL	U-5	500	08/2010	2170	
	New Parli TPP Extn.	S	MSPGCL	U-2	250	01/2010	1091	
	Paras TPS Extn.	S	MSPGCL	U-2	250	02/2010	1224	
	JSW Ratnagiri TPP	P	JSW(R) Ltd	U-I	300	03/2010	4500	
		P		U-2	300	06/2010		
		P		U-3	300	09/2010		
		P		U-4	300	12/2010		
	Tirora TPP Ph-I	P	Adani Power Mah. Pvt. Ltd.	U-I	660	04/2011	9263	(Incl. of Ph-II)
		P		U-2	660	07/2011		
	Tirora TPP Ph-II	P	Adani Power Mah. Pvt. Ltd.	U-I	660	01/2012		
			Sub-total		5680		27831	
M P								
	Vindhyachal STPP -IV	C	NTPC	U-11	500	03/2012	5915	(Incl. Unit-12 cost)
	Satpura TPP Extn	S	MPPGCL	U-10	250	01/2012	2637	(Incl.Unit-11 cost)
	Sasan UMPP	P	Sasan Power Ltd.	U-I	660	12/2011	(COD)	
			Sub-total		1410		8552	
Orissa								
	Sterlite TPP	P	Sterlite energy Ltd.	U-I	600	03/2010	7669	
		P		U-2	600	05/2010		
		P		U-3	600	08/2010		
		P		U-4	600	11/2010		
			Sub-total		2400		7669	

1	2	3	4	5	6	7	8	9
Rajasthan								
	Barsingsar Lignite TPP	C	NLC	U-I	125	02/2010	1626	
		C		U-2	125	05/2010		
	Chhabra TPP	S	RRVUNL	U-I	250	Comm	2350	
		S		U-2	250	03/2010		
	Jallipa Kapurdi TPP	P	Raj West Power Ltd.	U-I	135	Comm	5075	
		P		U-2	135	03/2010		
		P		U-3	135	05/2010		
		P		U-4	135	07/2010		
		P		U-5	135	09/2010		
		P		U-6	135	11/2010		
		P		U-7	135	01/2011		
		P		U-8	135	04/2011		
			Sub-total		1830		9051	
TN								
	Neyveli TPS-II Exp.	C	NLC	U-I	250	05/2010	2454	
		C		U-2	250	02/2011		
	Vallur TPP Ph-I	C	NTECL	U-I	500	11/2011	5553	
		C		U-2	500	12/2011		
	Mettur TPP St-III	S	TNEB	U-I	600	07/2011	3550	
	North Chennai Extn TPP	S	TNEB	U-I	600	07/2011	3095	
	North Chennai Extn TPP	S	TNEB	U-2	600	11/2011	2719	
			Sub-total		3300		17370	
U P								
	NCPP Dadri , StuIL	C	NTPC	U-5	490	12/2009	5135	
		C		U-6	490	03/2010		
	Rihand STPP St-III	C	NTPC	U-5	500	03/2012	6231	(Incl. Unit-6 cost)
	Anpara D TPP	S	UPRVUNL	U- 1	500	06/2011	5359	(Incl. Unit-2 cost)
	Harduaganj Ext TPS	S	UPRVUNL	U-8	250	11/2010	2225	
		S		U-9	250	09/2010		

1	2	3	4	5	6	7	8	9
	Parichha Extn TPS	S	UPRVUNL	U-5	250	05/2010	2015	
		S		U-6	250	07/2010		
	Anpara-C TPP	P	Lanco Anpara Power Pvt. Ltd.	U-I	600	02/2011	4115	
		P		U-2	600	04/2011		
	Rosa TPP Ph-I	P	Rosa Power Supply Ltd.	U-I	300	12/2009	2642	
		P		U-2	300	03/2010		
	Rosa TPP Ph-II	P	Rosa Power Supply Ltd.	U-3	300	12/2011	2500	
		P		U-4	300	03/2012		
			Sub-total		5380		30222	
WB								
	Durgapur Steel TPS	C	DVC	U-I	500	10/2010	4457	
		C		U-2	500	02/2011		
	Farakka STPS ST III	C	NTPC	U-6	500	11/2010	2570	
i	Mejia Extn TPS, Ph-II	C	DVC	U-I	500	03/2010	4677	
		C		U-2	500	05/2010		
	Raghunath-pur TPP, Ph-I	C	DVC	U-I	600	02/2011	4122	
		C		U-2	600	05/2011		
	Santaldih TPP Extn	S	WBPDCL	U-6	250	04/2010	1000	
			Sub-total		3950		16826	
Nuclear power Units under construction								
Karnataka								
	Kaiga APP	C	NPCIL	U-4	220	03/2010	3282	(incl U-3)
Rajasthan								
	Rajasthan APP	C	NPCIL	U-5	220	12/2009	3072	
		C		U-6	220	03/2010		
TN								
	Kudankulam	C	NPCIL	U-I	1000	06/2010	13171	
		C		U-2	1000	12/2010		
	Kalpakam Proto type fast breeder reactor	C	BHAVINI	U-I	500	03/2011	3492	
			Sub-total		3160		23017	

Statement-II

Details of Hydro projects under execution in 11th Plan

Sl. No.	Name of Project	Sector	State/ Implem. Agency	Capacity (MW)	Latest cost (Rs. Crs)	Likely commissioning
1	2	3	4	5	6	7
1	Parbati St. II 4x200= 800 MW	Central	Himachal Pradesh/ NHPC	800	3954	2012-13
2	Chamera-III 3x77=231MW	Central	Himachal Pradesh/ NHPC	231	1584	2010-11
3	Parabati-III 4x130= 520 MW	Central	Himachal Pradesh/ NHPC	520	2217	2010-11
4	Kol Dam 4x200=800 MW	Central	Himachal Pradesh/ NTPC	800	4527.15	2011-12
5	Rampur 6x68.67=412 MW	Central	Himachal Pradesh/ SJVNL	412	2047.03	2012-13
6	Uhl-I 3x33.33= 100 MW	State	Himachal Pradesh/ Beas Valley Power Corp. Ltd. (BVPC)	100	431.56	2012-13
7	Swara Kuddu 3x36.6=110 MW	State	Himachal Pradesh/ Pabbar Valley Corp. (PVC)	110	727.71	2012-13
8	Allain Duhangan 2x96=192 MW	Private	Himachal Pradesh/ ADHPL	192	922.35	Feb. 10 Mar. 10
9	Karcham Wangtoo 4x250-1000 MW	Private	Himachal Pradesh/ JPKPL	1000	5909.59	2011-12
10	Budhit 2x35= 70 MW	Private	Himachal Pradesh/ LANCO	70	418.80	2010-11
11	Malana-II 2x50=100 M W	Private	Himachal Pradesh/ Everest PC	100	598	2010-11
12	Sorang 2x50=100MW	Private	Himachal Pradesh/ Himachal Sorang Power Corporation Ltd.	100	586	2011-12
		Sub-Total (Himachal Pradesh)		4435		

1	2	3	4	5	6	7
13	Uri-II 4x60+ 240 MW	Central	Jammu & Kashmir/ NHPC	240	1725	2010-11
14	Sewa - II 3x40=1 20 MW	Central	Jammu & Kashmir/ NHPC	120	897	Jan, 10, Feb. 10, Mar. 10
15	Chutak 4x1 1=44 MW	Central	Jammu & Kashmir/ NHPC	44	802	2011-12
16	Nimoo Bazgo 3x15=45 MW	Central	Jammu & Kashmir/ NHPC	45	780.89	2011-12
		Sub-total; (Jammu & Kashmir)		449		
17	Koteshwar 4x1 00= 400 MW	Central	Uttarakhand / THDC	400	1301.56	2010-11
18	Loharinagpala 4x1 50=600 M W	Central	Uttarakhand / NTPC	600	2895.10	2012-13
19	Tapovan Vishnugad 4x1 30=520 MW	Central	Uttarakhand / NTPC	520	2978.48	2012-13
20	Shrinagar *4x82.5= 330 MW	Private	Uttarakhand / M/s GVK Industries	330	2069	2011-12
		Sub-total; (Uttarakhand)		1850		
21	Maheshwar10x40= 400 M W	Private	Madhya Pradesh/ SMHPCL	400	2449.20	2011-12
		Sub-total; (Madhya Pradesh)		400		
22	Priyadarshni Jurala 6x39- 234 MW	State	Andhra Pradesh/ APGENCO	117*	547	U #4- Jan. 10 U #5 & 6-2010-11
23	Nagarujana SagarTR 2x25= 50 MW	State	Andhra Pradesh/ APGENCO	50	464.7	2010-11
24	Pulichintala 4x30=1 20 MW	State	Andhra Pradesh/ APGENCO	120	380	2011-12
25	Lower Jurala 6x40- 240 MW	State	Andhra Pradesh/ APGENCO	240	908.34	2011-13
		Sub-total; (Andhra Pradesh)		527*		

1	2	3	4	5	6	7
26	Kuttiyadi Addl. Ext.2x50=100MW	State	Kerala/ KSEB	100	168.28	Mar. 2010
27	Pallivasal 3x20=60 MW	State	Kerala/ KSEB	60	268.02	2011-12
		Sub - TOTAL (Kerala)		160		
28	Bhawani Barrage II 2x15=30MW	State	Tamil Nadu/ TNEB	30	400.59	2011-12
29	Bhawani Barrage III 2x15=30MW	State	Tamil Nadu/ TNEB	30	396.59	2011-12
		Sub - TOTAL (Tamil Nadu)		60		
30	Teesta Low Dam-III 4x33=1 32 MW	Central	West Bengal/ NHPC	132	1279.40	2010-11
31	Teesta Low Dam-IV4x40= 160 MW	Central	West Bengal/ NHPC	160	1061.38	2011-12
		Sub - TOTAL (West Bengal)		292		
32	Chujachen 2x49.5= 99 MW	Private	Sikkim/ Gati	99	651.50	2010-11
33	Teesta- III 6x200 = 1200MW	Private	Sikkim/ Teesta Urja Ltd.	1200**	5705.55	2011-12
		Sub - TOTAL (Sikkim)		1299		
34	Subansiri Lower 8x250= 2000 MW	Central	Arunachal Pradesh/ NHPC	2000	7452	2012-13
35	Kameng 4x150= 600 MW	Central	Arunachal Pradesh/ NEEPCO	600	3253.22	2012-13
		Sub - TOTAL (Arunachal Pradesh)		2600		
36	Myntdu 2x42=84 MW	State	Meghalaya/ MeSEB	84$	671.29	Dec. 09., Feb. 10
36.a	Myntdu Addl unit1x42= 42 MW	State	Meghalaya/ MeSEB	42		2010-11
37	New Umtru 2x20= 40 MW	State	Meghalaya/ MeSEB	40	194.30	2011-12
		Sub - TOTAL (Meghalaya)		166		
		Total (Under Execution)		12238		

* excludes three units (39x3=117 MW), already commissioned, ** three units with effort $ likèly to slip 2010-11